

Amendments to the Specification:

Please add the following new paragraphs on page 25 after the Table 4 and before Example 1:

-- Based on a normal distribution, a range covered by one standard deviation above the mean and one standard deviation below it ($x_{\text{mean}} \pm 1\text{SD}$) includes about 68% of the observations. Consequently, knowing the mean and standard deviation of a set of observations, by putting one standard deviation above and below the mean we can estimate the ranges that would be expected to include about 68% of the observations. Based on the results in Table 4 above, we can calculate as follows:

Standard deviation_{PE-1} = $CV_{PE-1} \times \text{mean diameter}_{PE-1} = (35.2 \times 0.356)/100 = 0.125312$.

Mean diameter_{PE-1} + Standard deviation_{PE-1} = $0.356 + 0.125312 = 0.481312$

Therefore, 68% of the particles in the bi-modal distribution of PE-1 have diameters of less than 0.48. --

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HP
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